EXPRESS MAIL LABEL NO.: EV373692813US
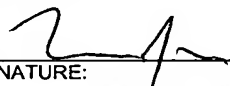DATE: January 6, 2005

DT02 Rec'd PCT/PTO   0 6 JAN 2005

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	ATTORNEY'S DOCKET NUMBER TRANS 3.3-052
	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/520535

INTERNATIONAL APPLICATION NO. PCT/US2003/021140	INTERNATIONAL FILING DATE 3 July 2003	PRIORITY DATE CLAIMED 8 July 2002

TITLE OF INVENTION   CARDIAC ABLATION USING MICROBUBBLES

APPLICANT(S) FOR DO/EO/US   Patrick David Lopath

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [x] This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. [ ] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. [x] This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.

4. [ ] The US has been elected (Article 31).

5. [x] A copy of the International Application as filed (35 U.S.C. 371 (c)(2))

    a. [ ] is attached hereto (required only if not communicated by the International Bureau).

    b. [x] has been communicated by the International Bureau.

    c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US).

6. [ ] An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).

    a. [ ] is attached hereto.

    b. [ ] has been previously submitted under 35 U.S.C. 154(d)(4).

7. [x] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))

    a. [ ] are attached hereto (required only if not communicated by the International Bureau).

    b. [ ] have been communicated by the International Bureau.

    c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.

    d. [x] have not been made and will not be made.

8. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).

9. [ ] An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).

10. [ ] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. [x] An Information Disclosure Statement under 37 CFR 1.97 and 1.98. w/PTO-1449, 2 references enclosed

12. [ ] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

13. [ ] A preliminary amendment.

14. [x] An Application Data Sheet under 37 CFR 1.76.

15. [ ] A substitute specification.

16. [ ] A power of attorney and/or change of address letter.

17. [ ] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

18. [x] A second copy of the published International Application under 35 U.S.C. 154(d)(4).

19. [ ] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

20. [x] Other items or information: Three (3) Sheets of Formal Drawings, Copy of Notification of The Recording Of A Change (PCT/IB/306), Return Receipt Postcard

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) **10/520535**	INTERNATIONAL APPLICATION NO. PCT/US2003/021140	ATTORNEY'S DOCKET NUMBER TRANS 3.3-052	

21. The following fees are submitted:		Applicant Use	Office Use Only
[x] a) Basic national fee $300.00		$ 300.00	
[x] b) Examination fee $200.00		$ 200.00	
[x] c) Search fee $500.00		$ 500.00	
TOTAL OF ABOVE CALCULATIONS = $1000.00		$ 1,000.00	

[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number	RATE		
17 - 100 =	/50 =		x $250.00		

Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				$	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	12 - 20 =		x	$ 0.00	
Independent claims	2 - 3 =		x	$ 0.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)		+		$	
TOTAL OF ABOVE CALCULATIONS =				$ 1,000.00	

[x] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.		$ 500.00	
SUBTOTAL =		$ 500.00	

Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)). +		$	
TOTAL NATIONAL FEE =		$ 500.00	

Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property +		$	
TOTAL FEES ENCLOSED =		$ 500.00	

	Amount to be refunded:		$
	Amount to be charged:		$

a. [ ] A check in the amount of $ _____ to cover the above fees is enclosed.

b. [x] Please charge my Deposit Account No. ____12-1095____ in the amount of $ ____500.00____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. [x] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. ____12-1095____. A duplicate copy of this sheet is enclosed.

d. [ ] Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

SIGNATURE: _____

NAME Marcus J. Millet

CUSTOMER NUMBER: 000530

REGISTRATION NUMBER 28,241